

Republic of the Philippines **DEPARTMENT OF SCIENCE AND TECHNOLOGY**

Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

Weather Division



TROPICAL CYCLONE BULLETIN NO. 8

Tropical Depression "LANNIE"

Issued at 2:00 AM, 05 October 2021 Valid for broadcast until the next bulletin at 5:00 AM today

TROPICAL DEPRESSION "LANNIE" IS NOW OVER THE COASTAL WATERS OF CUYO ISLANDS

Location of Center (1:00 AM)

The center of Tropical Depression "LANNIE" was estimated based on all available data **over the coastal waters of Cuyo, Palawan (10.4°N, 120.8°E)**

Intensity

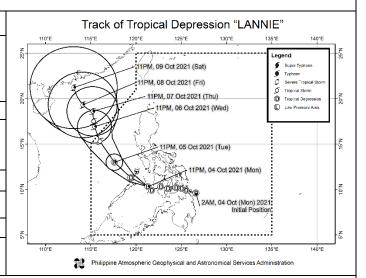
Maximum sustained winds of 45 km/h near the center, gustiness of up to 55 km/h, and central pressure of 1004 hPa

Present Movement

West northwestward at 25 km/h

Extent of Tropical Cyclone Winds

Strong winds or higher extend outwards up to 130 km from the center



TRACK AND INTENSITY FORECAST

	Center Position			Intensity		Movement
Date and Time	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	dir. and speed (km/h)
12-Hour Forecast 11:00 AM 05 October 2021	11.3	119.4	Over the coastal waters of El Nido, Palawan	55	TD	WNW 20
24-Hour Forecast 11:00 PM 05 October 2021	13.0	117.6	305 km West Northwest of Coron, Palawan	55	TD	NW 25
36-Hour Forecast 11:00 AM 06 October 2021	15.3	116.0	425 km West of Iba, Zambales	65	TS	NW 25
48-Hour Forecast 11:00 PM 06 October 2021	16.9	115.4	555 km West of Baguio City (outside the PAR)	65	TS	NNW 15
60-Hour Forecast 11:00 AM 07 October 2021	17.5	115.3	540 km West of Sinait, Ilocos Sur (outside the PAR)	75	TS	N Slowly
72-Hour Forecast 11:00 PM 07 October 2021	18.6	115.2	570 km West of Laoag City, Ilocos Norte (outside the PAR)	85	TS	N 10
96-Hour Forecast 11:00 PM 08 October 2021	19.3	114.1	775 km West of Calayan, Cagayan (outside the PAR)	95	STS	NW Slowly
120-Hour Forecast 11:00 PM 09 October 2021	21.2	113.1	910 km West of Extreme Northern Luzon (outside the PAR)	100	STS	NNW 10

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TROPICAL CYCLONE WIND SIGNALS IN EFFECT							
TCWS No.	Luzon	Visayas	Mindanao				
(Strong winds prevailing or expected within 36 hours)	The southwestern portion of Romblon (Odiongan, Looc, Alcantara, Ferrol, Santa Fe, San Jose), the southern portion of Oriental Mindoro (Roxas, Mansalay, Bulalacao), the southern portion of Occidental Mindoro (Calintaan, Rizal, San Jose, Magsaysay), and the northern portion of Palawan (El Nido, Taytay, Dumaran, Araceli) including Calamian and Cuyo Islands.	Antique, the western portion of Aklan (Madalag, Malinao, Ibajay, Nabas, Malay, Buruanga), and the southwestern portion of Iloilo (Leon, Alimodian, Tigbauan, Tubungan, Igbaras, Guimbal, Miagao, San Joaquin, San Miguel, Oton)	-				
	Tropical Cyclone Wind Signal #1 ir	n other areas is hereby lifted.	•				

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Prepared by: RPG

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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- Today, moderate to heavy rains are likely over the northern portion of Palawan including Calamian and Cuyo Islands. Light to moderate with at times heavy rains are also possible over Visayas, Mindanao, Bicol Region, CALABARZON, and the rest of MIMAROPA.
- Under these conditions, isolated to scattered flooding (including flash floods) and rain-induced landslides are likely especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps

Severe Winds

- Strong winds (i.e., strong breeze to near gale conditions) with occasional gusts will be experienced within any of the areas where Tropical Cyclone Wind Signal (TCWS) #1 is in effect during the passage of the tropical depression. This may generally cause up to very light damage to structures and vegetation.
- An enhanced easterly flow north of the tropical depression may also bring occasionally gusts reaching strong breeze
 to near gale in strength over Extreme Northern Luzon and the coastal and upland/mountainous areas of the eastern
 section of Northern and Central Luzon, CALABARZON, MIMAROPA, and Bicol Region (that are not under any
 TCWS) in the next 24 hours.

HAZARDS AFFECTING COASTAL WATERS

In the next 24 hours, "LANNIE" will bring moderate to rough seas over the coastal waters of the country, especially in areas where TCWS #1 is in effect. These conditions are risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

- Tropical Depression "LANNIE" is forecast to make another landfall in the vicinity of northern mainland Palawan or Calamian Islands this morning before emerging over the West Philippine Sea shortly thereafter. While it is forecast for "LANNIE" to remain a weak tropical depression during this period, there is an increasingly likelihood that it will be downgraded to a low pressure area.
- Over the West Philippine Sea, "LANNIE" will continue tracking northwestward until tomorrow morning while
 accelerating. The cyclone will likely decelerate and move more north northwestward and northward for the remainder
 of tomorrow through Thursday. On the forecast track, it will likely exit the Philippine Area of Responsibility on tomorrow
 evening. During this period, the depression will gradually intensify and may reach tropical storm category by tomorrow
 morning.
- Beginning Friday, "LANNIE" may begin accelerating while turning more northwestward over the West Philippine Sea towards southern China. The cyclone will continue intensifying during this period and may be upgraded to severe tropical storm category by Friday.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.

The next tropical cyclone bulletin will be issued at 5:00 AM today.

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Prepared by: RPG

Checked by: SFD